

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

1/6

FIG. 1A

RELATIONSHIP BETWEEN PRESENCE/ABSENCE OF STREAK
IMAGE OCCURRENCE AND STATE OF SCRAPED PARTICLE

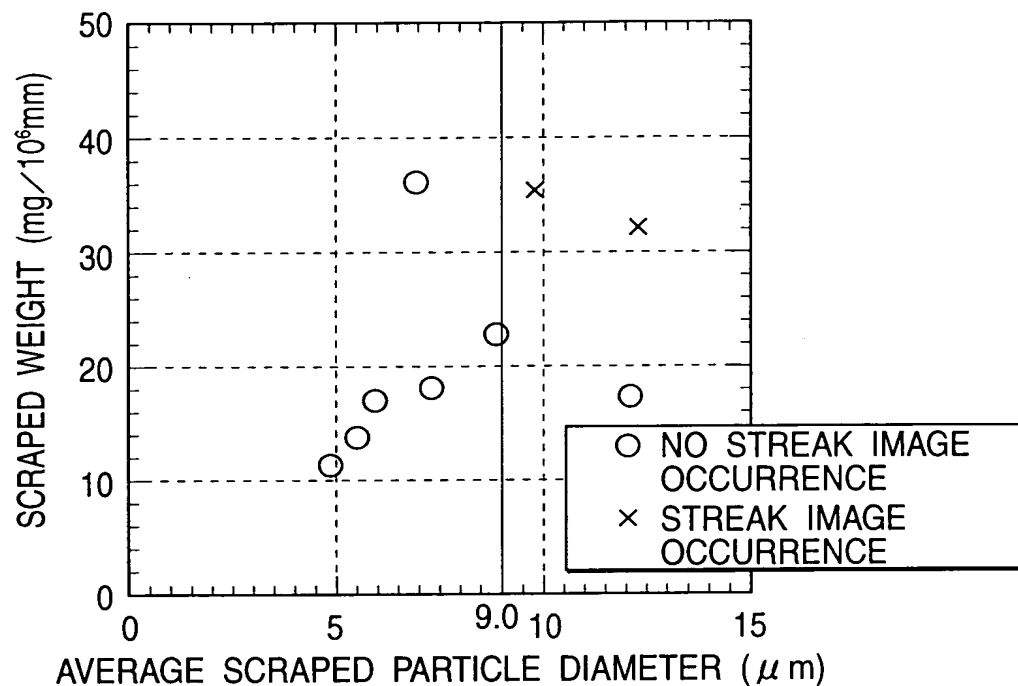
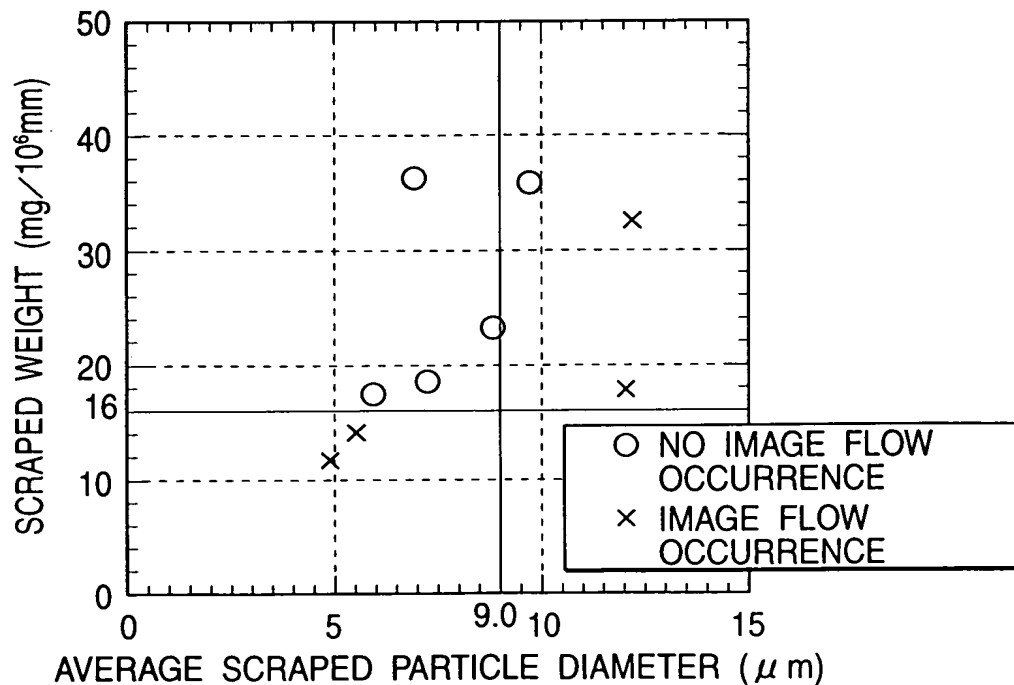


FIG. 1B

RELATIONSHIP BETWEEN PRESENCE/ABSENCE OF IMAGE
FLOW OCCURRENCE AND STATE OF SCRAPED PARTICLE



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

2/6

FIG. 2

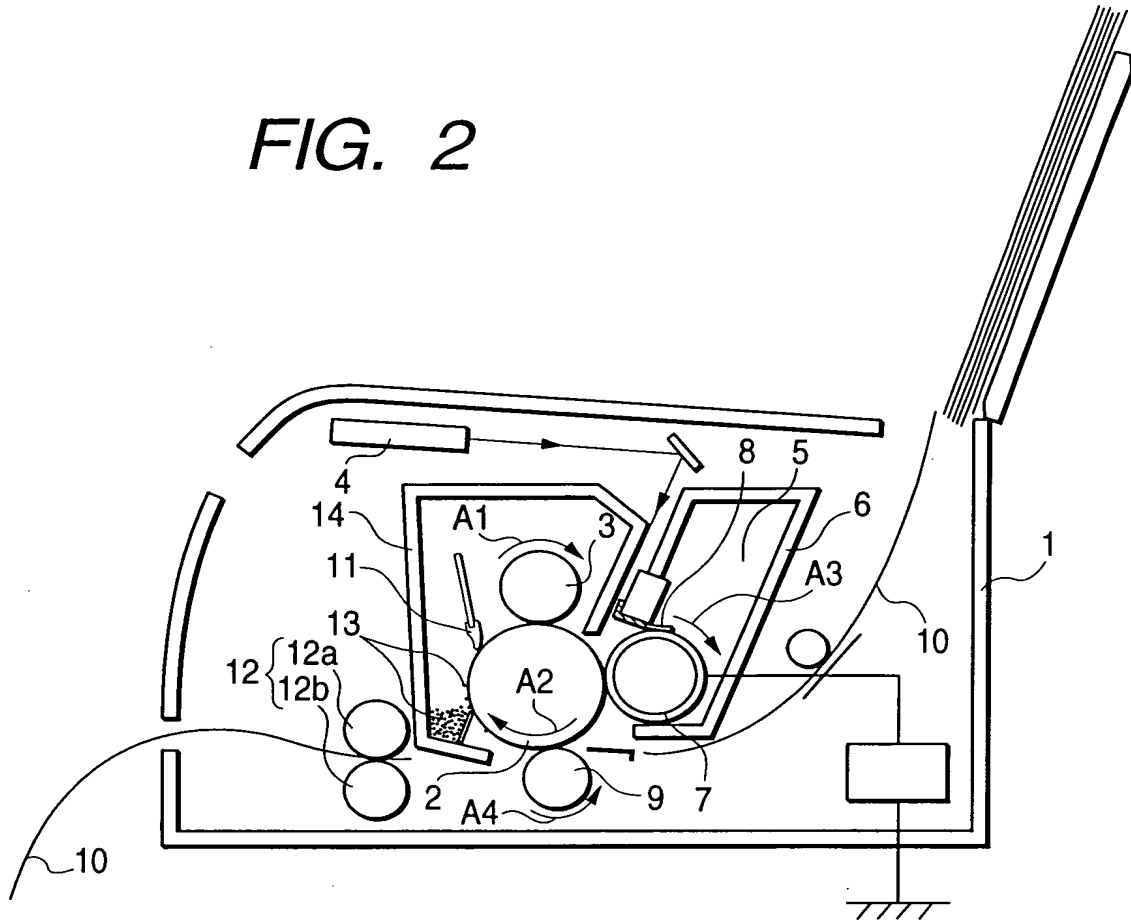
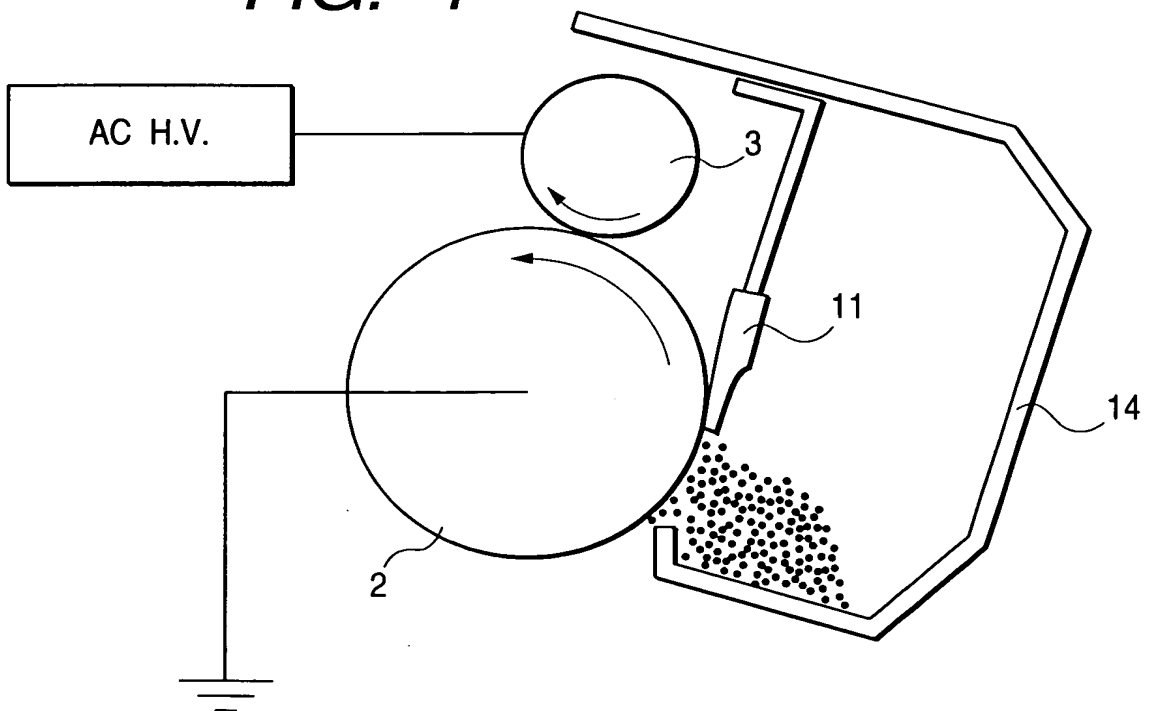


FIG. 4



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

3 / 6

FIG. 3A

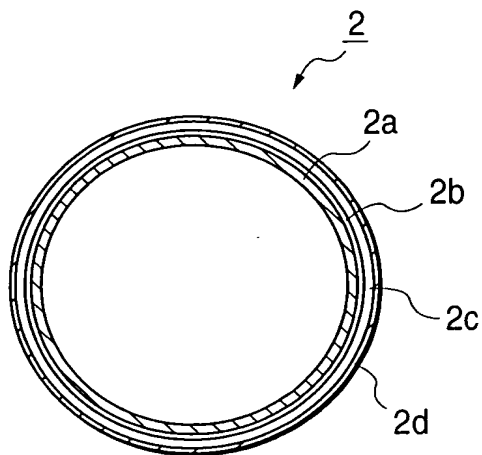
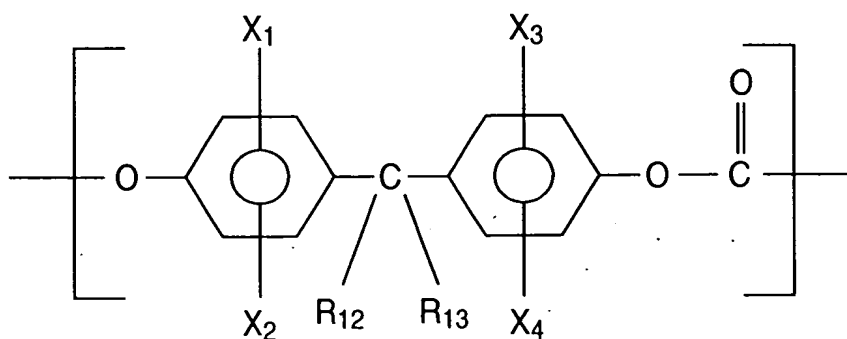


FIG. 3B

GENERAL FORMULA



09403443-1023999
650301-6649460

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

4/6

FIG. 5

	POLYCARBONATE RESIN I (PARTS BY WEIGHT)	POLYCARBONATE RESIN II (PARTS BY WEIGHT)	TEFLON AMOUNT (PARTS BY WEIGHT)	CLEANING BLADE ABUTMENT PRESSURE (gf/cm)	EXPERIMENT 1			EXPERIMENT 2		EXPERIMENT 3		
					AVERAGE PARTICLE DIAMETER (μ m)	SCRAPED WEIGHT (mg/ 10^6 mm ²) :※1)	RATIO OF SCRAPED NUMBER (※2)	IMAGE FLOW (※3)	STREAK IMAGE	DRUM SCRAPED FILM THICKNESS (μ m)	DRUM SURFACE ROUGHNESS RZ (μ m)	
EMBODIMENT 1	60	40	5.0	40	7.3	18.3	100	○	○	5.0	0.9	
COMPARATIVE EXAMPLE 1	60	40	0	40	11.5	51.3	106	○	×	10.0	1.7	
COMPARATIVE EXAMPLE 2	60	40	1.0	40	9.8	35.7	101	○	×	8.5	1.5	
COMPARATIVE EXAMPLE 3	60	40	2.0	40	8.9	23.0	101	○	○	6.0	1.0	
COMPARATIVE EXAMPLE 4	60	40	10.0	40	6.0	17.2	94	△	○	3.5	0.6	
COMPARATIVE EXAMPLE 5	60	40	15.0	40	5.6	13.9	75	×	○	3.1	0.5	
COMPARATIVE EXAMPLE 6	60	40	20.0	40	4.9	11.5	62	×	○	2.6	0.5	
COMPARATIVE EXAMPLE 7	60	40	5.0	80	7.0	36.3	189	○	○	9.7	1.1	
COMPARATIVE EXAMPLE 8	100	0	0	40	12.1	17.6	31	×	○	3.0	0.6	
COMPARATIVE EXAMPLE 9	100	0	0	80	12.3	32.4	56	×	×	4.3	0.9	

※1: SCRAPED WEIGHT PER RUNNING DISTANCE 1.0×10^6 mm OF DRUM

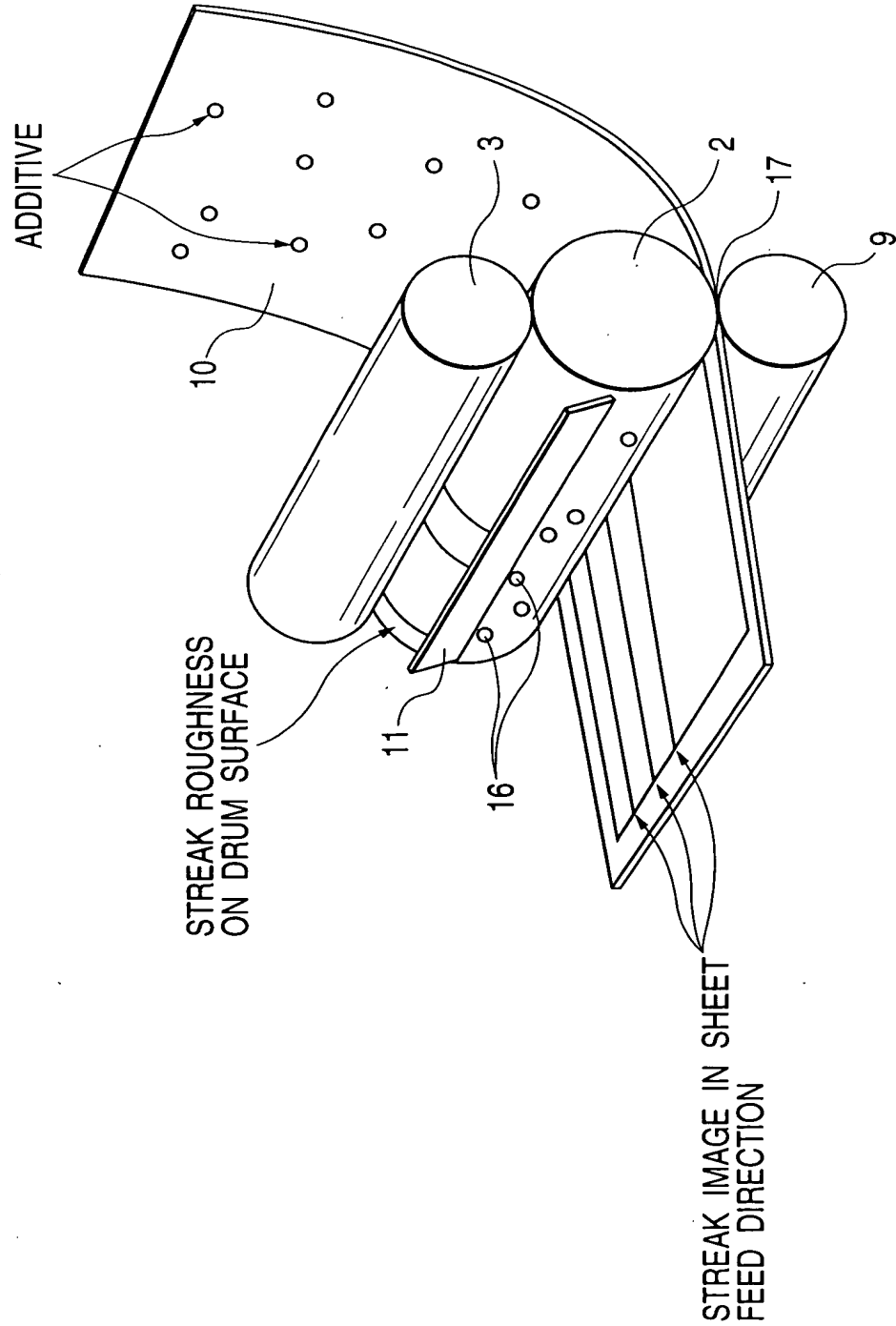
※2: RESULT OF EMBODIMENT 1 IS CONVERTED INTO 100.

※3: ○ NO OCCURRENCE, × OCCURRENCE, △ SLIGHTLY OCCURRENCE(TOLERABLE LEVEL)

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

5/6

FIG. 6



652207" 6542460

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

6/6

FIG. 7

